

The logo for '6GStart' is displayed in a bold, white, sans-serif font. It is positioned on the left side of the slide, overlaid on a blue-tinted image of a complex circuit board with a central chip that has '5G' written on it.

6GStart

Online Event

5G Vertical User Workshop

Beyond 5G towards 6G: Ecosystems, Business Cases, and Drivers

Dr. Muslim Elkotob, Vodafone



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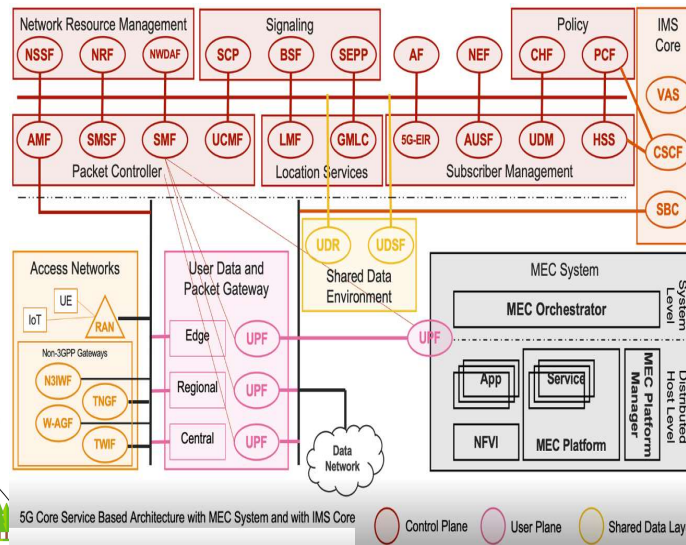
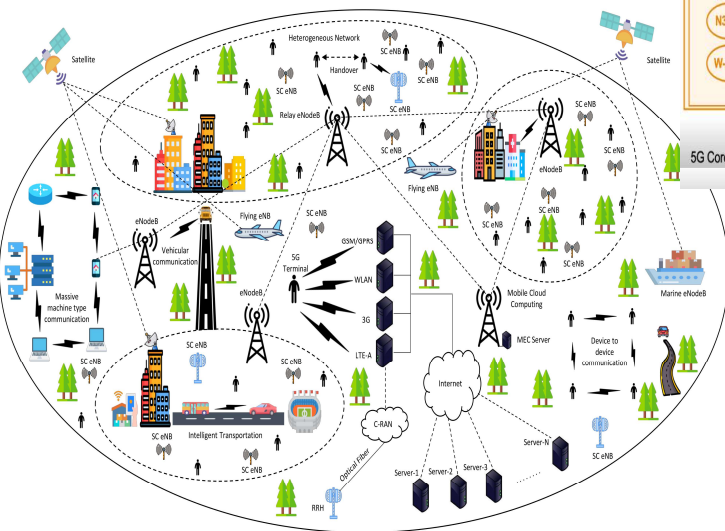


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- From 5G NR to 5G SA to 6G, Unleashed Potential, Challenges & Opportunities
- Use Cases and Trends across Verticals
- Ecosystem Evolution & CSP Strategy with B5G & 6G
- Outlook

Evolution Journey, Unleashed Potential, Challenges & Opportunities

5G NSA (NR)



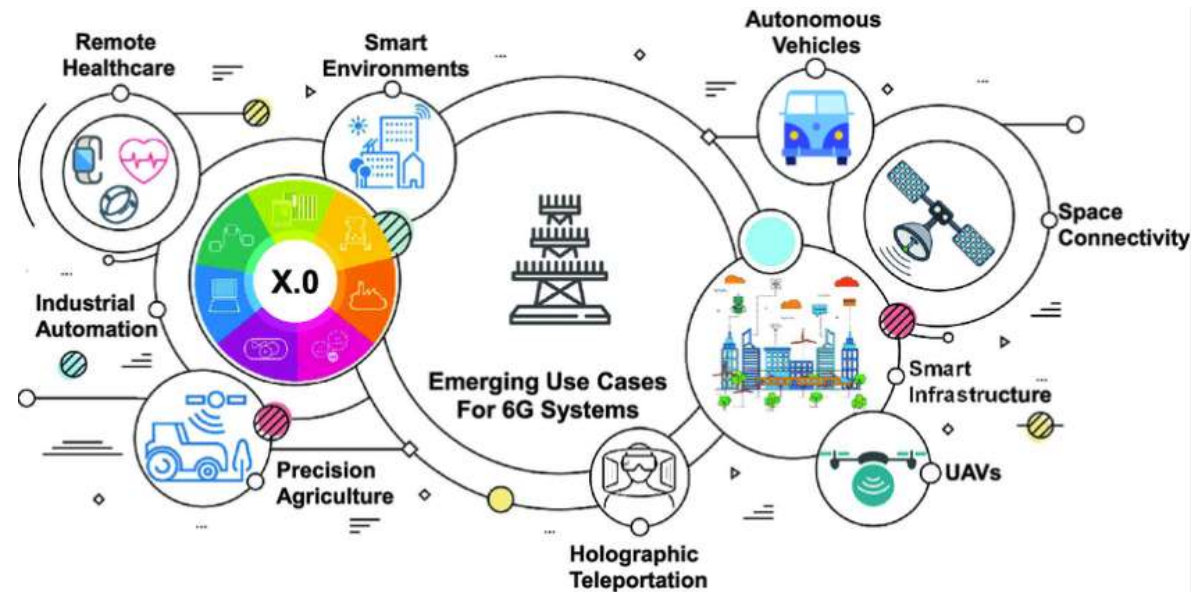
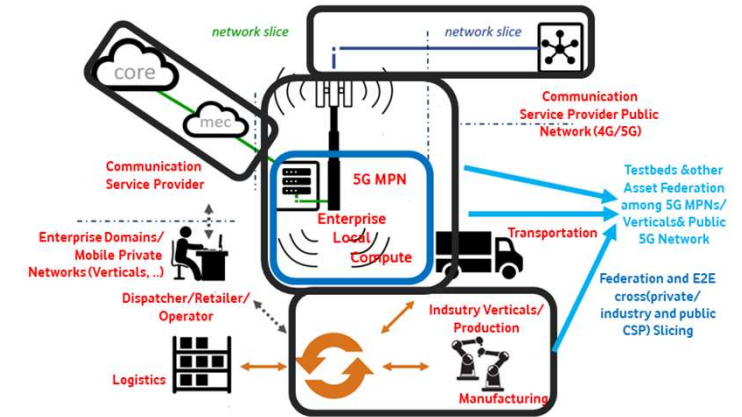
5G SA

6G



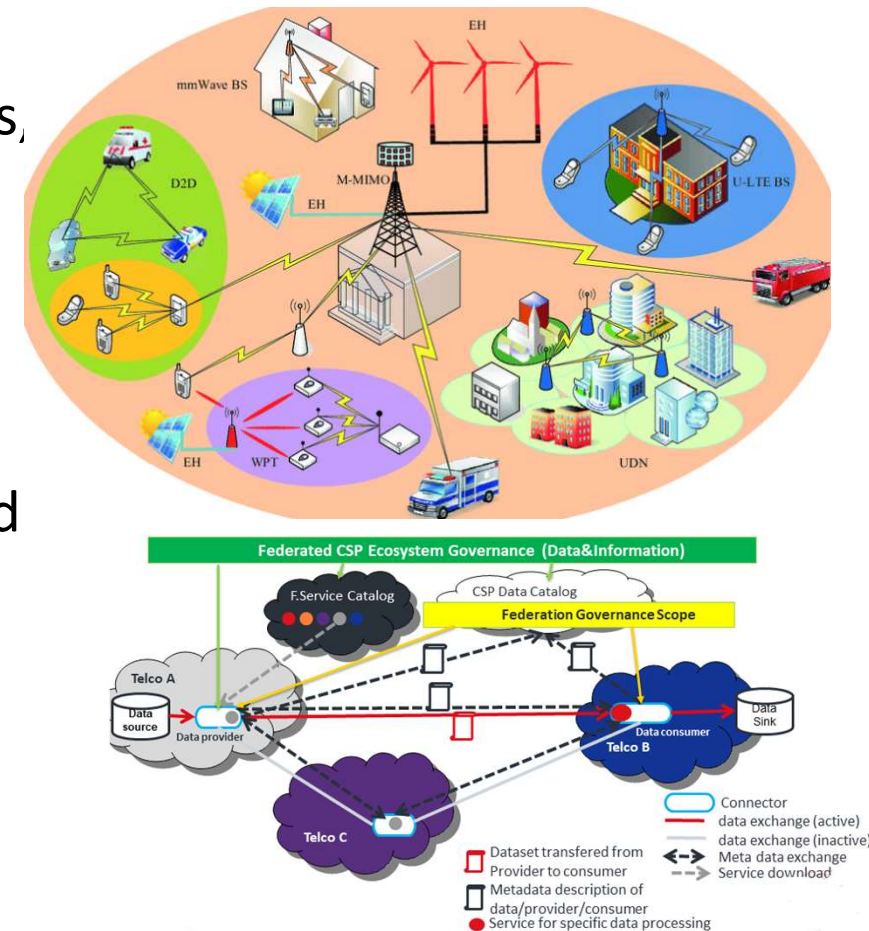
Use Cases and Trends across Verticals

- Smart Premium Connectivity
- Submersion/Merged Discourses/AR&VR/"Metaverse"
- Seamless Integration of Cellular, IoT, & Space/Satellite
- Mobile Private Networks (Campus, Enterprise)
- Telco Data Sharing
- Open Inclusive Ecosystems (Disaggregation, OpenRAN, VRAN, Multi ISV, SME..)
- Smart Edge



6GStart Ecosystem Evolution & CSP Strategy B5G&6G

- With 5G SA, the service spectrum is opening through software so as to allow multiple ISVs, AISVs, and SMEs to take part
- The „mix-and-match“ strategy allows best-in-class players (e.g. ISVs) to contribute to the overall offering
- Lock-ins (as vendor lock-in for CSPs) are being broken, and n:m relationships are being established among stakeholders (CSPs, vendors, ISVs, integrators, ..)
- Federation, openness, selectivity, and collective collaborative modes are taking shape in evolving ecosystems, accelerated by 5G SA Core



- 5G SA is a major catalyst for ecosystem evolution and development
- It unleashes a large potential on both technical and business levels with E2E operations mode (slicing, federation), use cases and business cases tailored to different verticals, and an inclusive value-chain model
- Beyond 5G is taking off with 5G SA Core, and enabling the evolution towards a hyper-connected world (6G)
- It remains important for stakeholders (including CSPs) to position themselves in this fast-paced evolution, balancing factors like: key drivers for B5G&6G Business Cases, incoming generation benefits (6G over B5G), new intra-ecosystem order, ..



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